

WHAT IS CLAIMED IS:

1. A door closer comprising:
 - a casing having a recess defined therein and a first cylinder and a second cylinder being in communication with the recess, a passage being in communication between the first and second cylinders, and
 - a base received in the recess and located close to a first end of the casing, the base including a driving shaft extending therefrom, the driving shaft adapted to be connected to a door, a first rod and a second rod pivotably connected to the base and respectively inserted in the first and second cylinders, a threaded rod connected to a distal end of the first rod and a first spring mounted to the first rod and the threaded rod, a sleeve having a threaded inner periphery and the threaded rod threadedly engaged with the threaded inner periphery of the sleeve, an operation rod having a first end securely connected to the sleeve and an end member rotatably connected to a second end of the operation rod and sealing the first cylinder, the second end of the operation rod located at a second end of the casing, a second spring mounted to the second rod and a piston connected to a distal end of the second rod, an end piece sealing the second cylinder.
 2. The door closer as claimed in claim 1, wherein the operation rod has at least one longitudinal groove defined in an outer periphery thereof and a boss extends from an inner periphery of the sleeve, the boss engaged with the groove.
 3. The door closer as claimed in claim 1, wherein the end member includes a hole defined therethrough and the second end of the operation rod is engaged with the hole, a polygonal recess defined in the end of the operation rod.